

WHAT IS CLAIMED IS:

1. ~~A printing system for performing printing by a plurality of printers in response to print requests from a plurality of terminal devices connected via a network, comprising:~~

~~specifying means for specifying a terminal device, in which image information to be printed has been stored, in accordance with print requests from said plurality of terminal devices; and~~

10 ~~first designating means for instructing a terminal device that has been specified by said specifying means to transfer the image information to a printer.~~

2. ~~The system according to claim 1, further comprising second designating means for designating a printer that is to print image information;~~

~~wherein said first designating means instructs transfer of the image information in dependence upon mode of connection between the printer designated by said second designating means and the terminal device storing the image information.~~

3. ~~The system according to claim 2, wherein said first designating means instructs transfer of the image information in dependence upon whether said terminal device and printer are connected locally or via a network.~~

4. ~~The system according to claim 1, wherein said~~

~~specifying means includes a management database for managing image information as image file names;~~

~~said specifying means specifying a terminal device, which is storing image information to be printed, based~~

5 ~~upon an image file name that has been registered in said management database.~~

5. The system according to claim 4, wherein the image file name is a combination of a unique file name in the terminal device storing the image information and an identifier of this terminal device.

10 6. The system according to claim 4, further comprising totalization means for totalizing statistical information based upon attribute information in said management database.

15 7. The system according to claim 6, wherein the attribute information includes information on identifiers, image file names, number of pages to be printed and printing date.

8. A method of controlling a printing system for

20 performing printing by a plurality of printers in response to print requests from a plurality of terminal devices connected via a network, comprising:

25     a specifying step of specifying a terminal device, in which image information to be printed has been stored, in accordance with print requests from the plurality of terminal devices; and

~~a first designating step of instructing a terminal device that has been specified at said specifying step to transfer the image information to a printer.~~

9. The method according to claim 8, further comprising  
5 a second designating step of designating a printer that is to print image information;

wherein said first designating step instructs transfer of the image information in dependence upon mode of connection between the printer designated at  
10 said second designating step and the terminal device storing the image information.

10. The method according to claim 9, wherein said first designating step instructs transfer of the image information in dependence upon whether said terminal  
15 device and printer are connected locally or via a network.

11. The method according to claim 8, wherein said specifying step specifies a terminal device, which is storing image information to be printed, based upon an  
20 image file name that has been registered in a management database for managing image information as image file names.

12. The method according to claim 11, wherein the image file name is a combination of a unique file name in the  
25 terminal device storing the image information and an identifier of this terminal device.

13. The method according to claim 11, further comprising a totalization step of totalizing statistical information based upon attribute information in said management database.

5 14. The method according to claim 13, wherein the attribute information includes information on identifiers, image file names, number of pages to be printed and printing date.

10 15. A computer readable storage medium storing program code of a method of controlling a printing system, comprising:

15 code of a specifying step of specifying a terminal device, in which image information to be printed has been stored, in accordance with print requests from a plurality of terminal devices; and

20 a designating step of instructing a specified terminal device to transfer the image information to a printer.

25 16. A printing system having a plurality of image storage devices connected via a network and a plurality of printers, said printing system comprising:

specifying means for specifying an image storage device, in which image information to be printed has been stored, in accordance with print requests from terminal devices connected via the network; and

first designating means for instructing that the

~~image information, which has been stored in an image storage device specified by said specifying means, is transferred to a printer.~~

17. The system according to claim 16, further  
5 comprising second designating means for designating a printer that is to print image information;

wherein said first designating means instructs that the image information be transferred to the printer designated by said second designating means.

10 18. The system according to claim 17, wherein said first designating means designates mode of transfer of the image information in dependence upon whether said image storage device and said printer are connected locally or via a network.

15 19. The system according to claim 16, wherein said specifying means includes a management database for managing image information as image file names;

20 said specifying means specifying an image storage device, which is storing image information to be printed, based upon an image file name that has been registered in said management database.

25 20. The system according to claim 19, wherein the image file name is a combination of a unique file name in the terminal device storing the image information and an identifier of this terminal device.

21. The system according to claim 19, further

~~comprising totalization means for totalizing statistical information based upon attribute information in said management database.~~

22. The system according to claim 21, wherein the  
5 attribute information includes information on  
identifiers, image file names, number of pages to be  
printed and printing date.

23. A method of controlling a printing system having a  
plurality of image storage devices connected via a  
10 network and a plurality of printers, said method  
comprising:

15 a specifying step of specifying an image storage  
device, in which image information to be printed has  
been stored, in accordance with print requests from  
terminal devices connected via the network; and

20 a first designating step of instructing that the  
image information, which has been stored in an image  
storage device specified at said specifying step, is  
transferred to a printer.

24. The method according to claim 23, further  
comprising a second designating step of designating a  
printer that is to print image information;

25 wherein said first designating step instructs that  
the image information be transferred to the printer  
designated at said second designating step.

25. The method according to claim 24, wherein said

~~first designating step designates mode of transfer in dependence upon whether said image storage device and printer are connected locally or via a network.~~

26. The method according to claim 23, wherein said specifying step specifies an image storage device, which is storing image information to be printed, based upon an image file name that has been registered in a management database for managing image information as image file names.

10 27. The method according to claim 26, wherein the image file name is a combination of a unique file name in the terminal device storing the image information and an identifier of this terminal device.

15 28. The method according to claim 26, further comprising a totalization step of totalizing statistical information based upon attribute information in said management database.

20 29. The method according to claim 28, wherein the attribute information includes information on identifiers, image file names, number of pages to be printed and printing date.

30. A computer-readable storage medium storing program code of a method of controlling a printing system, comprising:

25 code of a specifying step of specifying an image storage device, in which image information to be printed

has been stored, in accordance with a print request from  
a terminal device; and

code of a designating step of instructing that the  
image information, which has been stored in a specified  
5 image storage device, be transferred to a printer.